Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

1. (Currently Amended) A shaking incubator ~~with~~ comprising:

at least one specimen storage device[[;]] ~~comprising several~~

a plurality of superposed specimen storage spaces, located within the at least one specimen storage device wherein each of the superposed specimen storage spaces comprises: ~~characterized in that a shaking unit (4) comprising~~

a specimen storage position[[;]] ~~(5),~~

a shaking platform disposed horizontally adjacent; ~~(6),~~ and

a base unit ~~(7) is~~ arranged in at least one specimen storage space ~~(3)~~ wherein the superposed specimen storage spaces are configured to be individually and independently controlled.

2. (Currently Amended) The shaking incubator according to Claim 1, characterized in that the base unit ~~(7)~~ of the at least one shaking unit ~~(4)~~ is permanently connected to the specimen storage device ~~(2)~~.

3. (Currently Amended) The shaking incubator according to Claim 1, characterized in that a detachable holder for the at least one shaking unit ~~(4)~~ of a specimen storage device is

formed at a specimen storage space ~~(3)~~ in such a manner that the at least one shaking unit ~~(4)~~ can be removed as required from the specimen storage device ~~(2)~~.

4. (Currently amended) The shaking incubator according to Claim 1, characterized in that the specimen storage position ~~(5)~~ of the at least one shaking unit ~~(4)~~ is designed for a specimen ~~(10)~~ to be supplied by means of an automated transport system ~~(19)~~ and for a specimen ~~(10)~~ to be removed from the specimen storage position ~~(5)~~ by an automated transport system ~~(19)~~.

5. (Currently Amended) The shaking incubator according to Claim 4, characterized in that the specimen storage position ~~(5)~~ of the at least one shaking unit ~~(4)~~ comprises a spacer element ~~(8)~~, arranged on the shaking platform ~~(6)~~, which creates free space for manipulating a specimen ~~(10)~~ located in the specimen storage position ~~(5)~~.

6. (Currently amended) The shaking incubator according to Claim 1, characterized in that the specimen storage position ~~(5)~~ of the at least one shaking unit ~~(4)~~ comprises at least one clamping element ~~(9)~~ arranged on the shaking platform ~~(6)~~ or on the spacer element ~~(8)~~.

7. (Currently amended) The shaking incubator according to Claim 1, characterized in that at least one control unit ~~(11)~~ for controlling and supplying current to the at least one shaking unit ~~(4)~~ is arranged outside of the incubator workspace ~~(20)~~, from which control unit a

control/supply line ~~(12)~~ runs into the incubator workspace ~~(20)~~, this control supply line ~~(12)~~ having a line connector ~~(13)~~ in the incubator workspace ~~(20)~~.

8. (Currently Amended) The shaking incubator according to Claim 7, characterized in that the at least one shaking unit ~~(4)~~ is connected via a detachable line connection to the line connector ~~(13)~~ of the at least one control unit ~~(11)~~.

9. (Currently amended) The shaking incubator according to Claim 7, characterized in that a distributor unit ~~(15)~~ for connecting several shaking units ~~(4)~~ is arranged in the incubator workspace ~~(20)~~ and is connected via a detachable line connection ~~(16)~~ to the line connector ~~(13)~~.

10. (Currently amended) The shaking incubator according to Claim 7 ~~9~~, characterized in that a distributor unit ~~(15)~~ for connecting several shaking units ~~(4)~~ is arranged on a specimen storage device ~~(2)~~.

11. (Currently amended) The shaking incubator according to Claim 7 ~~10~~, characterized in that a distributor unit ~~(15)~~ for connecting several shaking units ~~(4)~~ is arranged on several specimen storage devices ~~(2)~~.

12. (Currently amended) The shaking incubator according to Claim 1, characterized in that the shaking platform ~~(6)~~ of a shaking unit ~~(4)~~ is ~~positioned automatically in~~ configured to return to a central zero position after the power has been turned off.

13. (Currently amended) The shaking incubator according to Claim 1, characterized in that a shaking unit ~~(4)~~ is arranged in several specimen storage spaces ~~(3)~~ and that the shaking platforms ~~(6)~~ of these shaking units ~~(4)~~ can be controlled individually and independently of each other by the at least one control unit ~~(11)~~.

14. (New) A shaking unit, comprising:

a base;

a shaking platform coupled to the base;

a spacer disposed above the shaking platform;

a clamping element disposed above the spacer; and

a specimen storage unit disposed above the clamping element, wherein the specimen storage unit is configured to house at least a plurality of specimens.

15. (New) The shaking unit of claim 14, wherein the base is configured to be permanently affixed to a specimen storage device housing the shaking unit.

16. (New) The shaking unit of claim 14, wherein the shaking platform is detachably coupled to the base.

17. (New) The shaking unit of claim 14, wherein the spacer is configured to allow for a sufficient area in order to manipulate a specimen located in the specimen storage unit.

18. (New) The shaking unit of claim 14, further comprising a control unit for controlling and supplying current to the shaking unit, wherein the control unit is configured to couple to a line connector of the shaking unit.

19. (New) The shaking unit of claim 18, wherein the control unit further comprises a detachable line connection configured to couple to the line connector of the shaking unit.

20. (New) The shaking unit of claim 14, wherein the shaking unit comprises a plurality of shaking units coupled together by a distributor unit and wherein the distributor line couples to a detachable line connection of a control unit.